

TITLE

POLYHYDROXYALKANOATE LEVELS AS AN INDICATOR OF  
BIOREACTOR HEALTH

ABSTRACT OF THE DISCLOSURE

5           A method has been developed to monitor the health of an activated  
sludge environment in a wastewater process comprising monitoring the  
levels of polyhydroxyalkanoates (PHA) produced and correlating those  
levels with various selected sample parameters. In general, levels of PHA  
in excess of about 15% to about 20% dry weight of the biomass is an  
10   indication that the biocatalytic efficiency of the wastewater treatment  
process is impaired.

15

20

25

30

35

SNF/dmm